

PATENT NUMBER

**U.S. UTILITY PATENT APPLICATION**

|  |                    |
|--|--------------------|
| <p>O.I.P.E.</p> <p>2 <i>MA</i></p> <p>SCANNED <i>LA</i> O.A. <i>KLRD</i></p> | <p>PATENT DATE</p> |
|--|--------------------|

|        |              |          |                  |                       |
|--------|--------------|----------|------------------|-----------------------|
| SECTOR | CLASS<br>427 | SUBCLASS | ART UNIT<br>1762 | EXAMINER<br>Cleveland |
|--------|--------------|----------|------------------|-----------------------|

FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

**BEST AVAILABLE COPY**

9/30/02  
RCE

**PREPARED AND APPROVED FOR ISSUE**

| ISSUING CLASSIFICATION       |  |          |  |   |                    |                                   |  |  |  |  |  |  |
|------------------------------|--|----------|--|---|--------------------|-----------------------------------|--|--|--|--|--|--|
| ORIGINAL                     |  |          |  |   | CROSS REFERENCE(S) |                                   |  |  |  |  |  |  |
| CLASS                        |  | SUBCLASS |  |   | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |  |  |  |
|                              |  |          |  |   |                    |                                   |  |  |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |  |          |  |   |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  | / |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  | / |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  | / |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  | / |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  | / |                    |                                   |  |  |  |  |  |  |

☐ Continued on Issue Slip Inside File Jacket

|   |  |             |                                   |              |
|---|--|-------------|-----------------------------------|--------------|
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b>   | <b>DRAWINGS</b>                              |             | <b>CLAIMS ALLOWED</b>             |              |
|   | Sheets Drwg.                                 | Figs. Drwg. | Print Fig.                        | Total Claims |
| <input type="checkbox"/> a) The term of this patent<br>subsequent to _____ (date)<br>has been disclaimed.<br><br><input type="checkbox"/> b) The term of this patent shall<br>not extend beyond the expiration date<br>of U.S Patent No. _____<br>_____<br>_____                                  | _____<br>(Assistant Examiner) (Date)         |             | <b>NOTICE OF ALLOWANCE MAILED</b> |              |
|   | _____<br>(Primary Examiner) (Date)           |             | <b>ISSUE FEE</b>                  |              |
|   |  |             | Amount Due                        | Date Paid    |
| <input type="checkbox"/> c) The terminal _____ months of<br>this patent have been disclaimed.   | _____<br>(Legal Instruments Examiner) (Date) |             | <b>ISSUE BATCH NUMBER</b>         |              |
| <b>WARNING:</b><br>The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. |  |             |                                   |              |

Form PTO-438A  
(Rev. 10/97)

(LABEL AREA)

(FACE)